



↑AFFIX CUSTOMER NO. LABEL ABOVE↑

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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket:	Serial No.:
	1232-4813	10/067,056
	Applicant:	
	Shinya HIRAI	
Filing Date:	Group Art Unit:	
February 4, 2002	2612	

**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
KJ	AA	5,552,827	09/03/96	Maenaka et al.	348	266	
KJ	AB	6,295,087 corresponding to JP 10-150668	09/25/01	Nohda	348	234	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
KJ	AL	9-84031	03/28/97	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only.
KJ	AM	2001-320720	11/16/01	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only
KJ	AN	10-150668 corresponding to US 6,295,087	06/02/98	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only
KJ	AO	11-177994	07/02/99	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only
	AP						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

	AR	European Search Report dated November 2, 2004.
	AS	
	AT	

Examiner	<i>Kelly J. G.</i>	Date Considered
		<i>12/20/2005</i>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
 Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to Applicant.